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SEASONAL INFLUENZA ACTIVITY

Last week, influenza activity continued to decrease in the U.S. 'Widespread' activity was reported by four states, and 'regional' activity was reported by 12 states. Michigan was one of 20 states that reported 'local' influenza activity.

Michigan and National News

- CDC's [FluView](#) (week ending March 8, 2014)
 - 68 flu-associated pediatric deaths have been reported for the 2013-14 season
- [UA Medical Center's traveling team tries to save sickest H1N1 flu patients](#)
- JAMA: [Critically ill patients with influenza A\(H1N1\)pdm09 virus infection in 2014](#)

INFLUENZA-RELATED JOURNAL ARTICLES

- [Impact of influenza vaccination requirements for hospital personnel in California](#)
 - Suggests state-level vaccination requirements may not be sufficient to increase uptake among HCP
- [Sampling strategies and biodiversity of influenza A subtypes in wild birds](#)
 - Identified sampling methodology to detect ~75% of circulating virus subtypes from targeted bird population
- [Novel reassortant influenza A\(H5N8\) viruses, South Korea, 2014](#)
 - Found 3 novel reassortant highly pathogenic viruses
- [North American triple reassortant and Eurasian H1N1 swine influenza viruses do not readily reassort to generate a 2009 pandemic H1N1-like virus](#)
 - US and Spanish researchers could not reproduce 2009 H1N1-like virus in cell cultures or in pigs co-infected with North American triple reassortant H1N1 and Eurasian H1N1 viruses
 - Suggests reassortment that created 2009-10 pandemic virus was rare event
- [Macaque study shows promise for heat-stable flu vaccines](#)
 - A spray-dried, irradiated version of pH1N1 vaccine that would not require cold storage found to be immunogenic in monkeys

AVIAN INFLUENZA A (H7N9) NEWS AND ARTICLES

The global outbreak total is now at [391 cases](#) and 120 deaths since February 2013. Veterinary officials in [Macao](#) detected an H7 virus in a batch of live poultry imported from Guangdong province. It's not clear yet if the virus is H7N9, but response measures were undertaken. In other news, an [H7N9 vaccine](#) may hit the market in China as early as May.

- WHO: [Risk assessment of H7N9](#) (March 11)
 - Concluded public health risk from H7N9 has not changed since previous assessment on February 28
- WHO: [Human infection with H7N9 - update](#) (March 10)

AVIAN INFLUENZA A (H5N1) NEWS ARTICLES

- [High-path H5N1 strikes Vietnam, low-path strain hits German farm](#)
- [Libya reports first H5N1 outbreak](#)
- [H5N1 spreads to Vietnam's southern province](#)
- [H5N1 found to be transmitted to a dog in Korea](#)
- [Cambodian toddler dies of bird flu](#)
- [Cambodia reports two new cases, one death, in children](#)

OTHER INFLUENZA-RELATED NEWS

- [Teen scientist researches new drugs to fight flu pandemic, wins Intel Science Talent Search](#)

MICHIGAN IMMUNIZATION TIMELY TIPS NEWSLETTER

The [February/March](#) issue of the MI Immunization Timely Tips newsletter has been released. This issue features interim flu vaccine effectiveness estimates, the recommendation for 2014-15 flu vaccine strains, recent flu articles, and other immunization resources.

MMWR: ILI AND VACCINATION AMONG WORKERS, 2009-10

A report was published in *MMWR* this week titled "[Prevalence of influenza-like illness and seasonal and pandemic H1N1 influenza vaccination coverage among workers - U.S., 2009-10 influenza season](#)." The CDC conducted a telephone survey that suggested workers in real estate, food services, and social services had higher rates of influenza-like illness (ILI) than other occupations during 2009-10. Seasonal flu and pH1N1 coverage were relatively low in all those worker groups. ILI prevalence was higher and pH1N1 vaccination coverage was lower among unemployed adults in the labor force.

FLU WEBSITES

www.michigan.gov/flu
www.cdc.gov/flu
www.flu.gov
<http://vaccine.healthmap.org/>

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